Serial No.: To Be Assigned

Filed : Herewith Page : 3 of 10

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) A compound of formula (I)

$$R^{2} \xrightarrow{NH_{2}} O \xrightarrow{NH_{2}}$$

in which:

R¹ represents H or CH₃;

R² represents H, halogen, cyano, C1 to 2 alkyl, trifluoromethyl or C1 to 2 alkoxy; n represents an integer 1, 2 or 3;

m represents an integer 0, 1, 2 or 3;

R³ represents H, C2 to 4 alkenyl or C1 to 4 alkyl; said alkyl group being optionally further substituted by CN, C1 to 4 alkoxy, C1 to 4 alkyl–SO₂– or one or more fluoro atoms;

or R³ represents a C1 to 4 alkylene group that forms a 4 to 7 membered azacyclic ring by virtue of being additionally bonded to either the aromatic ring, Ar, or to the linker group,

Serial No.: To Be Assigned

Filed : Herewith Page : 4 of 10

$$-CR^4R^5-(CR^4R^5)_n-;$$

R⁴ and R⁵ independently represent H or C1 to 2 alkyl; or the group CR⁴R⁵ together represents a 3 to 6 membered carbocyclic ring that optionally incorporates one heteroatom selected from O or S; and each R⁴, each R⁵ and each group CR⁴R⁵ is selected independently;

Ar represents a phenyl ring or a 5- or 6-membered heteroaromatic ring containing one to three heteroatoms selected independently from O, N and S; said phenyl or heteroaromatic ring being optionally substituted by one or more substituents selected independently from halogen, cyano, C1 to 2 alkyl, trifluoromethyl, C1 to 2 alkoxy, NR⁶R⁷, -CONR⁶R⁷,

$$-COOR^6$$
, $-NR^6COR^7$, $-S(O)_pR^6$, $-SO_2NR^6R^7$ and $-NR^6SO_2R^7$;

R⁶ and R⁷ independently represent H, C2 to 4 alkenyl or C1 to 4 alkyl; said alkyl or alkenyl groups being optionally further substituted by one or more halogen atoms;

p represents an integer 0, 1 or 2; and pharmaceutically acceptable salts thereof.

- 2. (Original) A compound of formula (I), according to Claim 1, wherein n represents the integer 1.
- 3. (Currently amended) A compound of formula (I), according to Claim 1 or Claim 2, wherein R¹ represents H.
- 4. (Currently amended) A compound of formula (I), according to any one of Claims 1 to 3 Claim 1, in which Ar represents optionally substituted phenyl or optionally substituted pyridyl.
- 5. (Currently amended) A compound of formula (I), according to any one of Claims

 1 to 4 Claim 1, in which each R⁴ and each R⁵ represents H.

Serial No.: To Be Assigned

Filed : Herewith
Page : 5 of 10

- 6. (Currently amended) A compound of formula (I), according to any one of Claims

 1 to 5 Claim 1, in which m represents the integer 1.
- 7. (Currently amended) A process for the preparation of a compound of formula (I), according to any one of Claims 1 to 6 Claim 1, which comprises:
 - (a) reaction of a compound of formula (II):

$$R^{2} \longrightarrow NH_{2}$$

$$O \qquad NH_{2}$$

$$CR^{4}R^{5} \qquad (CR^{4}R^{5})_{n}$$

$$R^{3} \qquad (CR^{4}R^{5})_{m} \longrightarrow Ar$$

wherein R^1 , R^2 , R^3 , R^4 , R^5 , Ar, m and n are as defined in Claim 1, with an isocyanate; or (b) reaction of <u>a</u> compound of formula (III)

Attorney's Docket No.: 06275-460US1 / 100928-1P US

Applicant: Andrew David Morley et al.

Serial No.: To Be Assigned Filed: Herewith

Filed : Herewit Page : 6 of 10

1; or

$$R^{2} \xrightarrow{NH_{2}} O \xrightarrow{NH_{2}}$$

wherein R¹, R², R⁴, R⁵ and n are as defined in Claim 1 and LG represents a leaving group, with an amine (R³NH(CR⁴R⁵)_m-Ar) wherein R³, R⁴, R⁵, Ar and m are as defined in Claim

(c) reaction of <u>a</u> compound of formula (IV)

Metal

O

$$CR^4R^5$$
 $(CR^4R^5)_n$
 R^3
 $(CR^4R^5)_m$
 R^3
 $(CR^4R^5)_m$
 R^3

wherein R^2 , R^3 , R^4 , R^5 , m, n and Ar are as defined in Claim 1, with a compound of formula (V)

Applicant: Andrew David Morley et al.

Serial No.: To Be Assigned Filed: Herewith Page: 7 of 10

$$\begin{array}{c|c} & & & & \\ & & & & \\ R^1 & & & & \\ NH & & & \\ LG & & & & \\ NH_2 & & & \\ \end{array} \hspace{1cm} (V)$$

wherein R¹ is as defined in Claim 1 and LG represents a leaving group; or

(d) reaction of <u>a</u> compound of formula (VI)

$$R^{2}$$

O

 $CR^{4}R^{5}$
 $(CR^{4}R^{5})_{n}$
 R^{3}
 $(CR^{4}R^{5})_{m}$
 R^{3}
 $(CR^{4}R^{5})_{m}$
 R^{3}

wherein R^2 , R^3 , R^4 , R^5 , m, n and Ar are as defined in Claim 1 and LG represents a leaving group,

with a compound of formula (VII)

Serial No.: To Be Assigned

Filed : Herewith Page : 8 of 10

wherein R¹ is as defined in Claim 1;

and where necessary converting the resultant compound of formula (I), or another salt thereof, into a pharmaceutically acceptable salt thereof; or converting the resultant compound of formula (I) into a further compound of formula (I); and where desired converting the resultant compound of formula (I) into an optical isomer thereof.

- 8. (Currently amended) A pharmaceutical composition comprising a compound of formula (I), or a pharmaceutically acceptable salt thereof, as claimed in any one of claims 1 to 6 Claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.
- 9. (Currently amended) A pharmaceutical composition adapted for administration by inhalation or insufflation [[.]] comprising a compound of formula (I), or a pharmaceutically acceptable salt thereof, as claimed in any one of claims 1 to 6 Claim 1 in association with a pharmaceutically acceptable adjuvant, diluent or carrier.
- 10. (Currently amended) A process for the preparation of a pharmaceutical composition as claimed in Claim 8 which comprises mixing a compound of formula (I), or a pharmaceutically acceptable salt thereof, as claimed in any one of claims 1 to 6 Claim 1 with a pharmaceutically acceptable adjuvant, diluent or carrier.
 - 11. (Cancelled)
 - 12. (Cancelled)
- 13. (Currently amended) A method or the treatment or prophylaxis of inflammatory disease comprising administering to a person suffering from or at risk of said inflammatory disease a therapeutically effective amount of Use of a compound of formula (I), or a

Serial No.: To Be Assigned

Filed : Herewith Page : 9 of 10

pharmaceutically acceptable salt thereof, as claimed in any one of claims 1 to 6 Claim 1, in the manufacture of a medicament for use in the treatment or prophylaxis of inflammatory disease.

- 14. (Currently amended) The [[use]] <u>method</u> as claimed in Claim 13 wherein the disease is rheumatoid arthritis.
- 15. (Currently amended) The [[use]] <u>method</u> as claimed in Claim 13 wherein the disease is chronic obstructive pulmonary disease.
 - 16. (Cancelled)
- 17. (Currently amended) A method of treating, or reducing the risk of, diseases or eonditions a disease or a condition in which inhibition of IKK-2 activity is beneficial which comprises administering to a person suffering from or at risk of said disease or condition a therapeutically effective amount of a compound of formula (I), or a pharmaceutically acceptable salt thereof, as claimed in any one of claims 1 to 6 Claim 1.
 - 18. (New) The method as claimed in Claim 17, wherein the disease is cancer.